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A B S T R A C T

A process according to the present invention comprises feeding first and second webs and waist elastic members in a machine direction; joining the elastic members to the first and second webs and joining the webs to each other; joining to the first web; coating the first and second adhesive zones with adhesives; joining the second web folded inward in a cross direction to the first web and the panel in vicinities of transversely opposite side edges; successively cutting away transversely middle zones of the composite web along first cutting lines and folding the composite web together with the panel inward in the cross direction; and bonding respective halves of the composite web thus folded to each other in vicinities of second cutting lines and cutting the composite web together with the elastic members along the second cutting lines to make a plurality of the diapers.